

# NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 2-4-99 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

<p>1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:            Black ink. Color.            Color drawings are not acceptable until petition is granted.            Fig(s) _____            Pencil and non black ink not permitted. Fig(s) _____</p> <p>2. PHOTOGRAPHS. 37 CFR 1.84(b)            1 full-tone set is required. Fig(s) _____            Photographs may not be mounted. 37 CFR 1.84(c)            Poor quality (half-tone). Fig(s) _____</p> <p>3. TYPE OF PAPER. 37 CFR 1.84(e)            Paper not flexible, strong, white, and durable.            Fig(s) _____            Erasures, alterations, overwritings, interlineations,            folds, copy machine marks not accepted. Fig(s) _____            Mylar, velum paper is not acceptable (too thin).            Fig(s) _____</p> <p>4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:            21.0 cm by 29.7 cm (DIN size A4)            21.6 cm by 27.9 cm (8 1/2 x 11 inches)            All drawing sheets not the same size.            Sheet(s) _____            Drawings sheets not an acceptable size. Fig(s) _____</p> <p>5. MARGINS. 37 CFR 1.84(g): Acceptable margins:            Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm            SIZE: A4 Size            Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm            SIZE: 8 1/2 x 11            Margins not acceptable. Fig(s) <u>6</u>            Top (T) _____ Left (L) _____            Right (R) _____ Bottom (B) _____</p> <p>6. VIEWS. 37 CFR 1.84(h)            REMINDER: Specification may require revision to            correspond to drawing changes.            Partial views. 37 CFR 1.84(h)(2)            Brackets needed to show figure as one entity.            Fig(s) _____            Views not labeled separately or properly.            Fig(s) _____            Enlarged view not labeled separately or properly.            Fig(s) _____</p> <p>7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)            Hatching not indicated for sectional portions of an object.            Fig(s) _____            Sectional designation should be noted with Arabic or            Roman numbers. Fig(s) _____</p>	<p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)            Words do not appear on a horizontal, left-to-right fashion            when page is either upright or turned so that the top            becomes the right side, except for graphs. Fig(s) _____</p> <p>9. SCALE. 37 CFR 1.84(k)            Scale not large enough to show mechanism without            crowding when drawing is reduced in size to two-thirds in            reproduction.            Fig(s) _____</p> <p>10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS.            37 CFR 1.84(l)            Lines, numbers &amp; letters not uniformly thick and well            defined, clean, durable, and black (poor line quality).            Fig(s) <u>6</u></p> <p>11. SHADING. 37 CFR 1.84(m)            Solid black areas pale. Fig(s) _____            Solid black shading not permitted. Fig(s) _____            Shade lines, pale, rough and blurred. Fig(s) _____</p> <p>12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS.            37 CFR 1.84(p)            Numbers and reference characters not plain and legible.            Fig(s) <u>6</u>            Figure legends are poor. Fig(s) _____            Numbers and reference characters not oriented in the            same direction as the view. 37 CFR 1.84(p)(1)            Fig(s) _____            English alphabet not used. 37 CFR 1.84(p)(2)            Figs _____            Numbers, letters and reference characters must be at least            .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)            Fig(s) _____</p> <p>13. LEAD LINES. 37 CFR 1.84(q)            Lead lines cross each other. Fig(s) _____            Lead lines missing. Fig(s) _____</p> <p>14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i)            Sheets not numbered consecutively, and in Arabic numerals            beginning with number 1. Sheet(s) _____</p> <p>15. NUMBERING OF VIEWS. 37 CFR 1.84(u)            Views not numbered consecutively, and in Arabic numerals,            beginning with number 1. Fig(s) _____</p> <p>16. CORRECTIONS. 37 CFR 1.84(w)            Corrections not made from prior PTO-948            dated _____</p> <p>17. DESIGN DRAWINGS. 37 CFR 1.152            Surface shading shown not appropriate. Fig(s) _____            Solid black shading not used for color contrast.            Fig(s) _____</p>
<p>COMMENTS <u>APPLICANT MUST SUBMIT FORMAL DRAWINGS</u>  <u>FOR FIG. 1, 4-6</u></p>	

REVIEWER

J. CHASE

DATE

7-30-02

TELEPHONE NO.

703 305 8430

ATTACHMENT TO PAPER NO.

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